DVMRe Triplex
QuickStart Guide

GE Interlogix

Introduction

Welcome to the DVMRe Triplex QuickStart Guide. This guide helps you set up and use your DVMRe. It includes step-by-step instructions and helpful illustrations that show you how to connect the components of a surveillance system, program basic recording functions, and view live and recorded video images.

The QuickStart Guide is for basic setup and operation. For advanced functions, you can find more detailed information in the User Manual.

TIP:
You'll find special items like Tips and Cautions in the page margins. These items make setup and basic operation easier.

TIP:
If you have a problem setting up or operating your DVMRe, try these solutions, in this order:

1) Re-read the QuickStart Guide
2) Read the corresponding section of the User Manual
3) Call Technical Support

From 6 A.M. to 5 P.M. (Pacific time)
If calling from outside the United States:
011-1-541-754-9134
If calling from within the United States:
800-469-1676

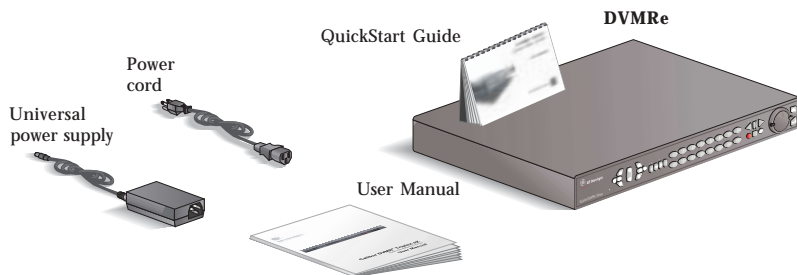**From 5 P.M. to 6 A.M. (Pacific time)**
541-740-3589

Information in this document is subject to change without notice.
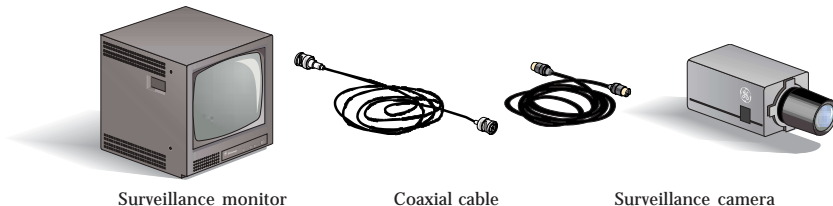©2003 GE Interlogix. All rights reserved.

DVMRe Package Contents

The following items are used for basic setup and operation. Items not shown here are for advanced functions—refer to the User Manual for information on these items.

Power cord

Universal power supply

QuickStart Guide

DVMRe

User Manual

Additional system components
A basic surveillance system also includes a monitor, one or more cameras, and connection cables.

Surveillance monitor   Coaxial cable   Surveillance camera

CAUTION:
Power – You must use a stable power source that falls within the rated voltage of the 12 VDC power supply. If your power source might experience surges or dips, use an uninterruptable power supply (UPS).

CAUTION:
Installation Area – Your DVMRe needs space around it for ventilation. Make sure the fans and vents on the sides of the unit are not obstructed. Install your DVMRe in a place where the temperature is always between 0 and 40 °C (32 and 104 °F) and has normal humidity (between 10% and 80%). Don't install the DVMRe on top of a hot piece of equipment, and always leave space between rack-mounted equipment. Don't install the DVMRe near a water source or anywhere that it will be exposed to rain or moisture.
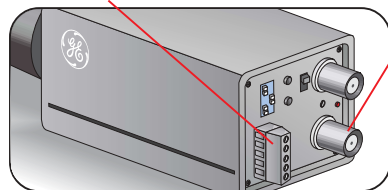
CAUTION:
Stacking Equipment – You can place other equipment on top of the DVMRe, but only if it weighs less than 35 pounds (16 kg).

Connecting and Powering Up

Camera back panel
Power connection

Video output

Power connection

SVHS monitor A output
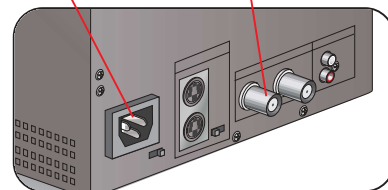
Composite monitor A output

Camera inputs

DVMRe back panel
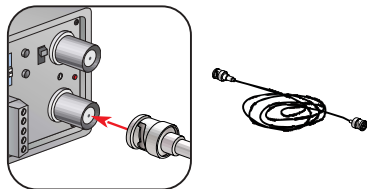
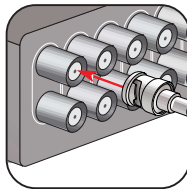**Monitor back panel**
Power connection   Video input

Connecting and Powering Up

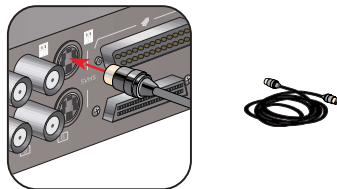Start by connecting your DVMRe to the monitor and camera(s).

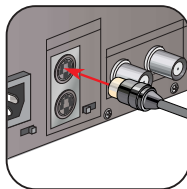❶ Connect the coaxial camera cable to the video output on the camera.

❷ Connect the coaxial camera cable to the top Camera 1 input on the DVMRe.

❸ Connect the SVHS monitor cable to the monitor A output on the DVMRe. (See TIP at right if using coaxial cable.)

❹ Connect the SVHS monitor cable to the video input on the monitor.

TIP:
Connection – Depending on the model, you can connect as many as 4, 10, or 16 cameras to your DVMRe. Follow the same instructions for each additional camera.
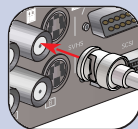
TIP:
Connection – You can connect to either of the camera inputs for each camera. The second input can be used to send the camera signal to other devices if necessary.

TIP:
Connection – To connect additional components such as keypads or network connections, see the User Manual.
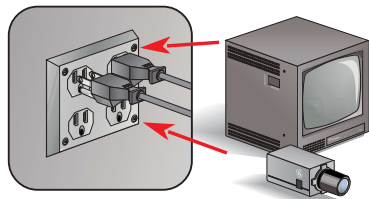
TIP:
Connection – You may also use coaxial cable with your DVMRe, but not at the same time as SVHS cable.
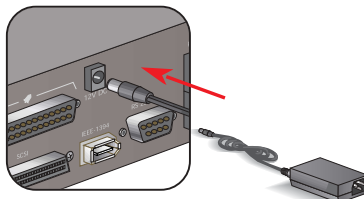
Connecting and Powering Up

To power up your system, you need an electrical outlet for the DVMRe, one for the monitor, and one for each connected camera. Power up your system **in the following order**:
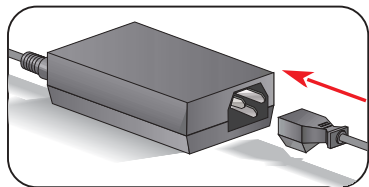
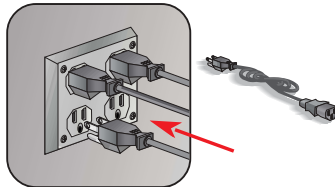❶ Plug the monitor and camera power cords into the outlets.

❷ Plug the single-prong end of the DVMRe power cord into the power connection on back of the DVMRe.

❸ Plug the other end of the DVMRe power cord into the outlet on the DVMRe power supply.

❹ Plug the DVMRe power supply cord into the outlet.

TIP:
Powering Up – When you plug the DVMRe power supply into an outlet, the DVMRe automatically detects all connected cameras. The DVMRe shows which version of software is installed, then shows a display of live views from each connected camera and automatically begins recording.
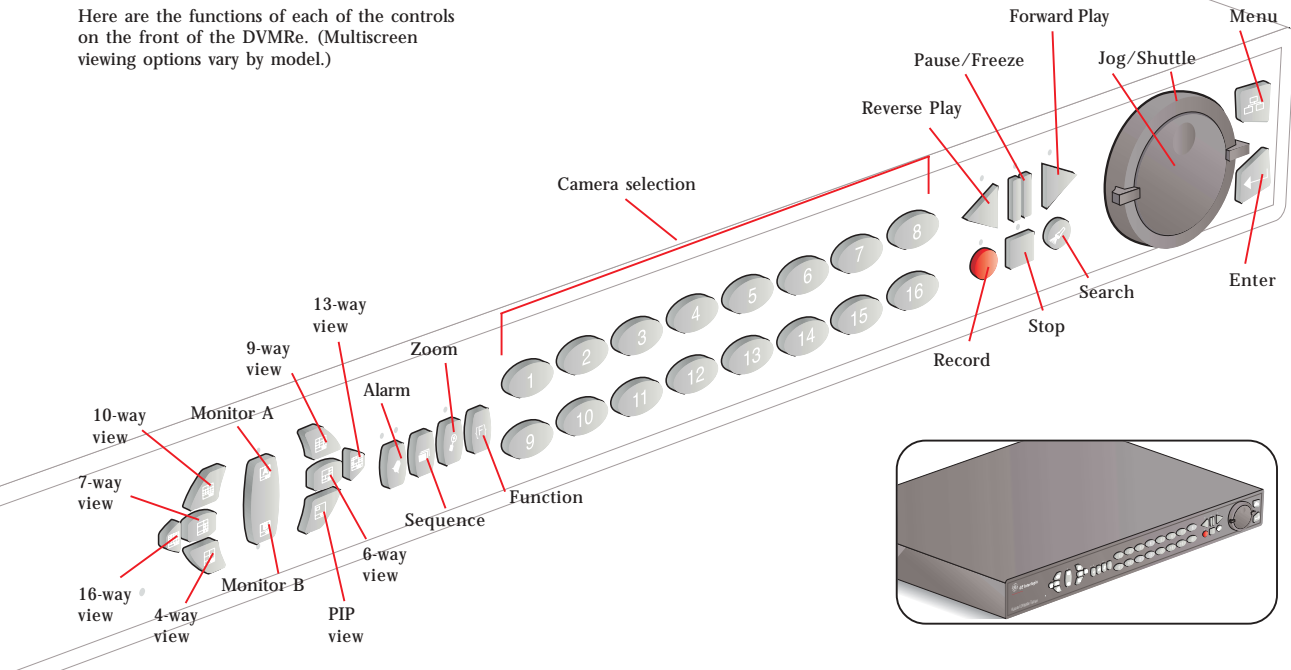
CAUTION:
Powering Up – For European electrical systems, use the 220 V power cord included with your DVMRe. Make sure other components such as cameras and monitors have the proper electrical plugs as well.

CAUTION:
Signal Loss – If a camera is improperly connected to the DVMRe, the monitor shows a Signal Loss message. Check the connection and reconnect the camera if necessary.

System Controls

Here are the functions of each of the controls on the front of the DVMRe. (Multiscreen viewing options vary by model.)
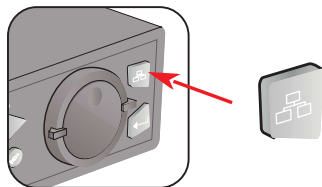
Forward Play

Menu

Pause/Freeze

Jog/Shuttle

Reverse Play

Camera selection

Search

Enter

13-way view

Record

Stop

9-way view

Zoom

Alarm

10-way view

Monitor A

7-way view

Sequence

Function

16-way view

4-way view

Monitor B

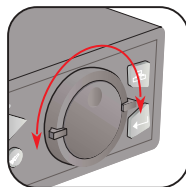6-way view

PIP view

System Controls

Using Jog, Shuttle, Menu, and Enter
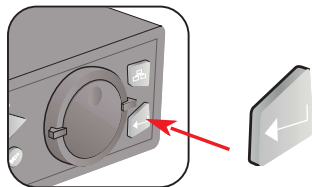To navigate the menus and program your DVMRe, use the Menu and Enter buttons and the Jog/Shuttle.

The Menu button brings up the Main menu and enables you to move from submenus back to the Main menu.

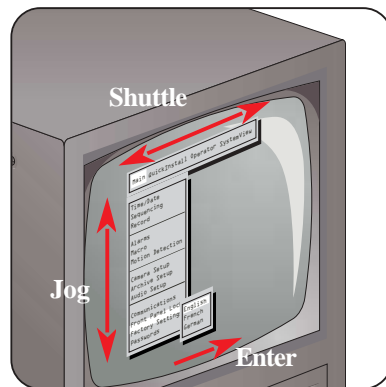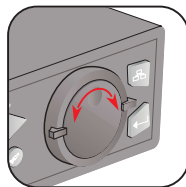The Enter button brings up submenus and confirms settings.

The Shuttle is the outside ring. Use it to move between menus and select some settings. To operate it, twist it in either direction, gripping the knobs on either side.
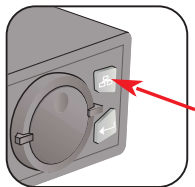

The Jog is the inner dial. Use it to select menu items and some settings. To operate it, place your finger in the round indentation and rotate it in either direction.
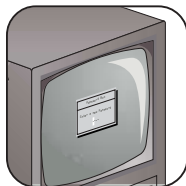
Initial Setup

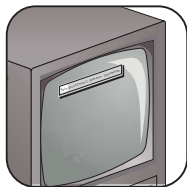To access the Main menu and begin setup, follow these steps:

❶ Press the Menu button.

❷ Enter the installer password by using the number buttons.
For 4-camera models, enter **3444**.
For 10- and 16-camera models, enter **3477**.

❸ The Main menu is the first menu you see.

Factory Defaults
Before you program your DVMRe, return all settings to the factory defaults. To do this:
❶ Jog in the Main menu to Factory Settings and press Enter.
❷ Enter the Factory Default password: for 4-camera models, **4111**; for 10- and 16-camera models, **8111**.
The DVMRe reboots, reverting all settings except time, date and IP address to factory defaults. The DVMRe beeps when resetting is complete.
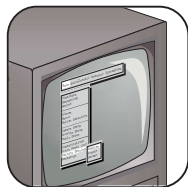
Settings	
Record Quality:	High
Event Settings:	Event and TL
Pre Event Duration:	02
Record Mode:	Continuous
Motion Detection:	Enabled
setup parameters:	Active
sensitivity:	5
relay output:	None
link to event:	Yes
Camera Titles:	Camera 01, Camera 02, etc.
Camera AGC:	50%
Cameras:	Enabled
RS232 Port 1:	57600 Baud
RS232 Port 2:	19200 Baud
RS485:	Network address 001
Ethernet:	Enabled
POTS:	Disabled

Initial Setup

Choose a Language

For a language other than English:

1. Jog to Factory Settings and press Enter.
2. For 4-camera models, enter 1414 and press Enter. For 10- and 16-camera models, enter 5415 and press Enter.
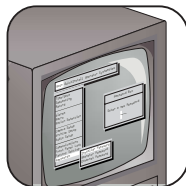3. Jog to select a language and press Enter.

Custom Passwords

The DVMRe comes with preset Installer and Operator passwords. The Installer password gives access to all menu functions. The Operator password gives access to only the Operator and SystemView menus.

To change the preset passwords:

1. Jog to Passwords in the Main menu and press Enter.
2. Jog to the password you wish to change and press Enter.
3. Use the number buttons to enter a new password and then jog to OK and press Enter.
4. Reenter the password, jog to OK, and press Enter.
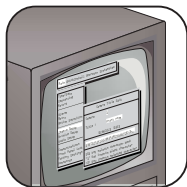5. Press Menu to exit.

CAUTION:
Password – Once you set custom passwords, you cannot revert to the default passwords. If you forget your password, you must send the DVMRe back to the factory to be reset.

Initial Setup

Camera Titles

To change the title that shows on the monitor for each camera:

1. Jog to Camera Setup in the Main menu and press Enter. Camera Titles is highlighted; press Enter.
2. Jog to Edit Titles and press Enter. Camera 1 and its title shows.
3. Press Enter again to highlight the title for Camera 1, and the character bank appears in the middle of the screen.
4. To change the first letter of the title, jog to the character you want and press the number 2 button. Repeat for each new letter, using the number 1 button for blank spaces.
5. For additional cameras, use the shuttle to select a camera number.
6. When you're done, press Enter, jog to OK, and press Enter again. Press Menu twice to exit to the Main menu.
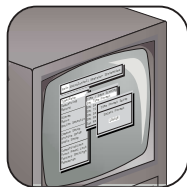
Time and Date

To set the time format:

1. Jog to Time/Date and press Enter.
2. Jog to Set Time Format and press Enter.
3. Jog to select 24-hour time and press Enter. Press Menu to exit.

To set the time:

1. Jog to Set Time and press Enter.
2. Press Enter again to move to hours and jog to select the hour, using 24-hour time format. (See TIP at right to change to 12-hour time later.)
3. Shuttle to move to minutes and jog to select. Do the same for seconds.
4. Press Enter when you're done, and then jog to OK and press Enter. Press Menu to exit.

To set the date, use the same process as for time.

Daylight-saving Time

To adjust for daylight-saving time:

1. Jog to Time/Date and press Enter.
2. Jog to Set Region and press Enter.
3. Select your region and time zone.

EST equals GMT minus 05:00
CST equals GMT minus 06:00
MST equals GMT minus 07:00
PST equals GMT minus 08:00

> **TIP:**
> **Time Setup** – You can change to a 12-hour time format that indicates a.m. and p.m., but only after you've set the time and date as described at left. Follow the same steps for setting the time format, but now select 12-hour time.
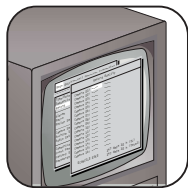
> **TIP:**
> **Date Setup** – The DVMRe automatically selects the day of the week based on the date you enter.

Recording Settings

Record Speed
To set the record speed for each camera:
1. Jog to Record in the Main menu and press Enter.
2. Jog to Timelapse Record Rate and press Enter. Camera 01 is highlighted.
   In this screen you choose the record rate for all connected cameras. The maximum rate for one or two cameras is 30 pictures per second (pps) each. For three or more cameras, the maximum rate is 48 pps, divided among all cameras. The recording capacity of your DVMRe shows at the bottom right of the screen—it will change based on the record speeds you select.
3. Jog to select a rate for Camera 01, shuttle to the next camera, and jog to select a rate for it.
4. Continue for all cameras and then jog to OK and press Enter.

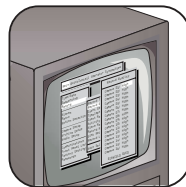### Event Settings
To set the type of recording for each camera:
1. Jog to Record in the Main menu and press Enter.
2. Jog to Event Settings and press Enter. Camera 01 is highlighted.
3. Jog to Type and shuttle to change to TL (time-lapse). This means cameras will record at the same speed at all times.
4. Jog back to Camera and shuttle to Camera 02. Change all connected cameras to TL using these steps.
5. When done, jog to OK and press Enter.

Record Quality
To set the record quality for each camera:
1. Jog to Record in the Main menu and press Enter.
2. Jog to Record Quality and press Enter. The record quality level for Camera 01 is highlighted.
3. Shuttle to change the level, and jog to additional cameras.
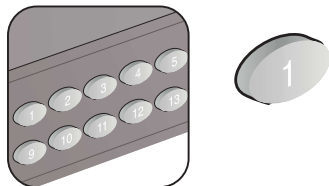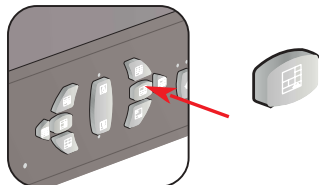4. When the settings are the way you want them, jog to OK and press Enter.

TIP:
Record Lock – To prevent anyone else from changing record settings, jog to Record Lock and press Enter. Jog to On and press Enter. This means the installer password is necessary to stop recording or to change settings.

Live Viewing Options

This section shows you basic live and playback viewing options and how to conduct a basic search for video images. For advanced operation, see the User Manual.

Multiscreen Views
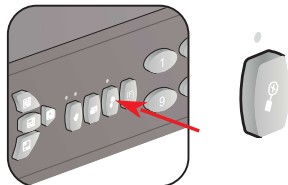Press any Multiscreen button. The monitor displays views beginning with Camera 1 up to the total number of cameras chosen.

Full-Screen View
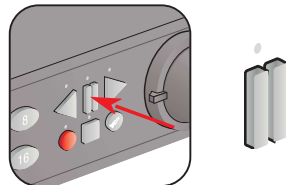Press any number button to view a full-screen display of that camera.

Zoom
While viewing a full-screen display, press the Zoom button for a 2X view. You can use the Jog and Shuttle to move within the zoomed view. (Note: The camera does not move.) Press Zoom again to cancel.

TIP:
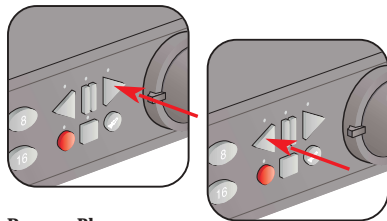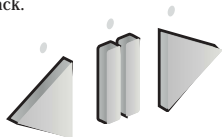**Viewing Options** – By pressing any number button twice the monitor displays the status display box. By pressing three times the monitor displays associated ATM or ASCII text.

Freeze
Press the Freeze button to freeze all camera views being displayed. Press Freeze again to return to a live view.

Playback Options

Forward Play
Press the Forward Play button. Playback is available only on monitor A. Press Forward Play twice and select a multiscreen view to allow both live and playback options on the same monitor. The monitor displays images from the beginning of the most recent recorded video, at the rate they were recorded. Press Stop to end playback.
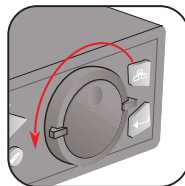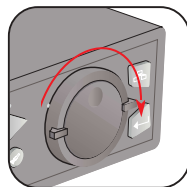

Reverse Play
Press the Reverse Play button. The monitor displays images at the rate they were recorded. Press Stop to end reverse play, or press Forward Play to return to forward play.

Fast Forward
During forward or reverse playback, turn the Shuttle clockwise to speed up playback. The further you turn the Shuttle, the faster the images play back.
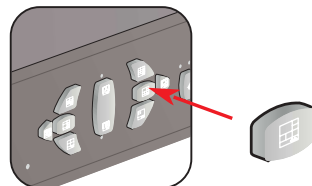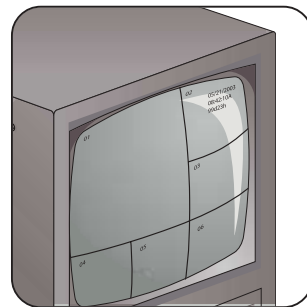

Fast Reverse
During forward or reverse playback, turn the Shuttle counterclockwise for fast reverse playback. The further you turn the Shuttle, the faster the images play back.

Multiscreen Playback
Press any of the Multiscreen display buttons to activate a multiscreen display.
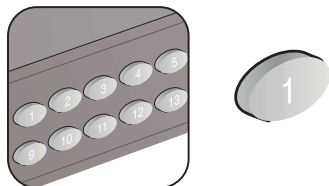

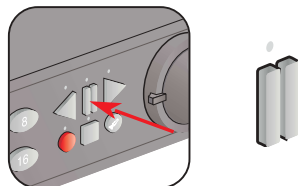Here is a sample of the 6-way view:

Playback Options

Full-Screen Playback
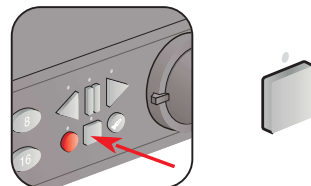Press any camera number button for a full-screen playback of that camera.

Freeze
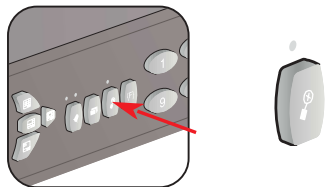Press the Freeze button to freeze all camera views being displayed. Press Freeze again to cancel.

Stop
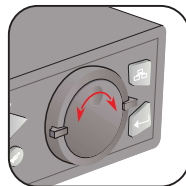Press Stop to end playback and return to live viewing.

Zoom
Select the full-screen display for any camera and then press Zoom for a 2X view. You can use the Jog and Shuttle to move within the zoomed view. (Note: The camera does not move.) Press Zoom again to cancel.
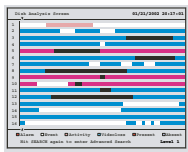
Frame Advance
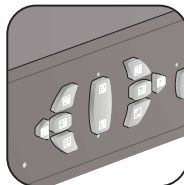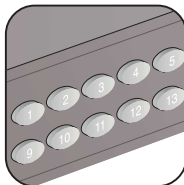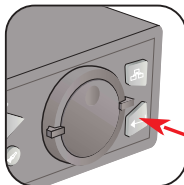During Freeze mode, jog to view frames individually in either direction.

Searching Recorded Video

To search for recorded video:

1 Press Search. The Disk Analysis screen appears on the monitor.
This screen shows the recording pattern for each camera, by color. The graph shows a bar for each camera, going left to right from oldest recordings to newest. At the left of the graph, at both the top and bottom, are small cursors. In the top right corner of the graph is a time and date display. The time and date correspond to the cursor position.

2 Jog to move the cursors left and right along the bars; the time and date change to tell you when each section was recorded.

3 When you find a section you wish to view, press Enter and the video begins to play, starting from the date and time shown. Select a full-screen (press a camera number) or multiscreen view (choose a Multiscreen button), depending on what you want to see. While the video is playing, you are in playback mode and can use any of the functions described in Playback Options.

4 Press Stop to return to live viewing.

TIP:
Time and Date Display – Above and to the right of the Disk Analysis screen is a date and time window that shows the current date and time.

TIP:
Detail Level – Shuttle expands the display for more detail. The level of detail shows at the bottom right of the graph. Level 1 is the least detail, Level 4 the most.

TIP:
Disk Analysis – To exit the Disk Analysis screen without viewing recorded video, press Menu.